



OREGON

TUALATIN

VALLEY

April, 1983

AMATEUR RADIO CLUB

PO Box 5132 Beaverton, Oregon 97006

Meeting: Wednesday, April 13 at 7:00 pm.....
Coffee, juice and cookies at BREAK time.....

PGE BUILDING-MURRAY AND SCHOLLS FERRY ROAD-BEAVERTON

President:	Bert Schmidt	W7JWG	Trustee:	Al Berg	WB7SIC
Vice-Pres:	Doc Miller	KA7BSD	Trustee:	Randy Cobb	KA7HJT
Secretary:	Linda Cereghino	N7CZY	Trustee:	Warren Knight	N7BIJ
Treasurer:	John Koenig	N7CRP	Trustee:	Bob Orr	K87CC
			Trustee:	Dick Powers	WB7ADM

MEETING CHANGE

The APRIL meeting will be held on the SECOND Wednesday, the 13th, and the MAY meeting will also be on the SECOND Wednesday which is the 11th. Please make a notation on your calendar so you won't show up on the wrong nite. On one of the regular meeting nites, PGE is having a board meeting or something similar and the other month we just plain got passed by. Hopefully back to normal in June.....



In Memory Of

JOHN LAPAY



Born

July 11, 1908

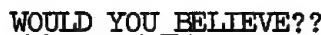
Passed Away

March 5, 1983

Bearers

Kenneth Middleton	George Watson
Carl Schweder	Roland Berry
Ray Shoales	Dave Redman

March 5 was a very sad day for Katy LaPay and the rest of Johns family. It was also a sad day for many members of OTVARC and other hams who knew and liked John. To know him was to admire him. John and Katy have been heavy contributors at most of the clubs functions. A couple of years ago John was climbing up towers in field day preparations while Katy worked hard in the cookhouse. A very game and hardy couple! John was a charter member of the club and his membership certificate was #6. We will transfer his number to Katy, if she agrees, and look forward to seeing Katy at our meetings. We shall miss N7ALM.....

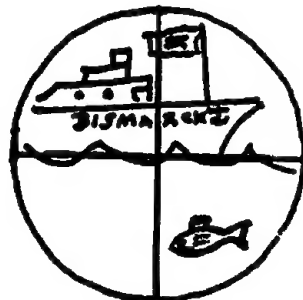




NEW MEMBERS

A big OTVARC welcome to the following hams who are brand new members: Mark Cotter, KA7OMW, Floyd March, W7BPO and Leonard Smith, N7EXM. Nice to have you on board.

SINK THE BISMARK: It's been awhile so for some of you newer members, here is how it works. On Thursday nite, April 14 at 8:00 pm, tune your 2m rig to 145.67 and take part in a direction finding exercise. You will need a beam and a means to read your heading in degrees. The hidden transmitter will give with some chit chat and you take a bearing and report it to net control who plots the reading on his map. After everybody has given a report we all head for Sunshine Pizza in Aloha to swap a few lies. Also to see how close you came to sinking the Bismark. It is easy and fun and also gives you a chance to make sure your rotor control is showing you the right path. Once in awhile a few members find that their rotors? are off about 180 degrees. CU...



UPSYGRADES AND CALL CHANGES: Bob Gonzales, KA7KBI went from tech to advanced in one sitting. Jim Miller, KC7WZ, is now a brand new extra class holder. Frank Clenaghan, got his new call, KD7GE, and advanced license recently. SUPER!! Congrats to all..... Last minute: Tom, KA7BGB to KD7HG. John, N7CRP to extra!! Nice going.

'COMPUTEREZE SPOKEN HERE'

(W5YI)

AMERICA'S MOST POPULAR COMPUTER IN 1982? It was the pint-sized Timex-Sinclair 1000! More than 600,000 were shipped in the United States last year. (Sinclair says they manufacture a one every 10 seconds!) In second place was the Commodore VIC-20 (400,000) - followed closely by the Texas Instruments 99/4A which was greatly assisted by a reduction to \$199! (It sold for \$1150 in 1979!) The leader in 1981 was Atari which ended up in fourth place (300,000) last year! The Radio Shack Color Computer (200,000) was fifth. Personal computing exploded to a 600% increase in 1982! But the Apple II was not among the leaders! A big surprise - but it still is the second most widely held home computer due to prior year sales. The VIC-20 is the all time leader We predicted this, nearly two years ago! (See Vol. 3 Issue 11.)

TEXAS INSTRUMENTS WARNS PUBLIC OF POTENTIAL SHOCK HAZARD TI recently announced that it has discovered a defect in the power transformer of their highly popular TI 99/4A which could cause overheating. A special no cost fused cord is being provided current owners who have returned the warranty card - or you can call (toll free) to 1-800-858-4565 or 1-800-527-3550 to request one. Many stores are taking the 99/4A off sale until the problem is remedied. Texas Instruments also announced a new round of price cuts (\$48.00) on the machine! (TI stock dropped more than 10 points when they made the shock hazard problem public.)

MICRO-FLOPPY (SUB-4") DRIVE STANDARDS SOUGHT

There is now a stampede to get 3-1/2 inch disk drives adopted by the American National Standards Institute (ANSI) as a recognized industry standard! Twelve manufacturers of magnetic media and drives said the new standard will lower manufacturing and retail costs and allow a wider distribution to the microcomputing public. A standards committee recommended the drive be "plug compatible" with current minidisk products and have 40/80 track single/double sided formats "allowing a 1M byte capacity on an 80 track, double-sided diskette". Media and drive manufacturers on the committee included such name makers as Verbatim, BASF Systems, Memorex, Shugart... among others. The new drives measure only 1-1/2"H X 4"W X 6-1/2"D and are particularly adaptable to portable computers where compact placement and weight is important. They will cost in the \$250 range. IBM (who frequently does things "their way") is rumored to be working on a 4" micro-floppy. In any event, palm-sized floppies are on the way!



EXTRA

WS2 — On the Square Friday, March 4, 1983

Girl Scouts to GATHR for 71st birthday party

Local Girl Scouts will be at Washington Square Saturday, March 12, to reach out and touch someone

— their fellow Scouts in other communities — via ham radio. Members of the Columbia River Girl

Scout Council will be in the court in front of J.C. Penney from 9 a.m. to 2 p.m. participating in a Girl Scout

GATHR (Get Acquainted Through Ham Radio). The event will be held celebration of the 71st anniversary of the Girl Scouts. More than 250 Girl Scouts will be at Washington Square, and some 3,000 will be participating in the GATHR.

The idea for a GATHR originated on the planning board of older Girl Scouts of the Columbia River Council, which covers 13 counties in Oregon and Washington. During the celebration Girl Scouts will communicate with each other by ham radio, exchanging names, locations and other information in the way of anniversary greetings.

"They will be broadening the scope of Girl Scouting," said Mrs. L.F. Fleissner, advisor to the Girl Scouts GATHR.

In addition to local communications, girls at Washington Square are scheduled to make contact with their counterparts in northern Washington and Montana who have written to them and arranged a special radio communication.

Local Girl Scout coordinators hope to make the GATHR an annual affair and to extend it nationwide — and, eventually, overseas in time for the 75th anniversary of the Girl Scouts.

There will be three ham radio consoles and several hand-held sets in use during the GATHR. The radios will be operated and supplied by local members of the American Radio Relay League, the umbrella organization for the event.



There have been comments both pro and con as to the success grading of the recent Girl Scouts communication project. The way 'Ye Ed' sees it is that the girls were not concerned whether they talked on 2m or HF. Their main thrill was to use a microphone and pass along a message. Many a lip was trembling in nervous excitement. When you look at it that way, in the eyes of a young girl, the work that went into setting up stations was more than worthwhile. To them it was a grade A experience. Perhaps next year the GSA will be more organized and can incorporate more states and club help in an expanding and popular activity. AND, perhaps we can learn how to make HF antennas work inside of a shopping mall. The Washington Square station could not get out on its elevated vertical (with no radials) nor on an extended horseshoe, rhombic, German Quad, multi-angled thingamajig of an 80m dipole. I think the girls won the contest!!!!!!!!!!!!!! If we had a failure it was in not using the Washington Square site for PR. Somebody let the ball go out of bounds on that one. We missed a GREAT opportunity to advertise ham radio! Thanks to all that helped. It WAS a success and will be more so in the future.

Dick, WB7ADM, took it upon himself to do something that has been needed for over two years. He had a portable booth backdrop made which is 8' wide and has a blue drapery front. The booth folds up for portability and it can be extended to 16' so as to accommodate both OTVARC and ARRG, should ARRG agree to share in the expense of the backdrop. The backdrop was used in Washington Square for the Girl Scout birthday event and

if it is not set up at a meeting for show and tell, you will see it via the many slide photos taken at the GATHR activity. We have set up OTVARC booths at several locations in the past 4 years and this new and beautiful addition is more than welcome. You will see it at the Clark County Hamfair!! Many thanks to Dick Powers for the unique idea..



What parable in the Bible do you like best? a Sunday School teacher asked her class. Little Johnny replied, "The one about the multitude that loafs and fishes."

arns

FIELD DAY!

MAKE YOUR PLANS NOW TO ATTEND THE BIG EVENT OF THE YEAR. LOTS OF FUN AND ACTIVITIES FOR ALL.....

CHES BY AMATEUR RADIO

If you are interested in playing chess by amateur radio you might drop a line to Vince Luciana, K2VJ, P. O. Box 682, Cologne NJ 08213. A group of amateurs have formed Chess & Amateur Radio International, and is setting up schedules. A new publication - CARI - has been established for members.



TRS-80 Model 1, Level 2 BASIC, 32k RAM,
Epson MX-70 Printer, Cassette, Scripsit
Word Processing, Cables, Software, Manuals.
\$800.00 Cam KA7MIG 640-9020

FOR SALE: HW 101 with AC & DC power cords, power supply
and manual. The works for \$200.00 or with-
out the power supply for \$175.00. Call me
at 643-5862. Linda, N7CZY. (no trades)

Leather handi-talkie cases. \$25.00. Al, 640-5456.

VISIT YOUR LOCAL RADIO STORE

NORVAC ELECTRONICS

12905 S.W. BEAVERDAM ROAD
BEAVERTON, OREGON 97005

(503) 644-1025



SEMICONDUCTORS
CAPACITORS
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KEYBOARDS
SOCKETS
SPEAKERS
POTENTIOMETERS
MICROPHONES
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PHOTOFACTS
P.C. BOARD SUPPLIES
TECHNICAL PUBLICATIONS
TECHNICAL PERIODICALS
SOFTWARE
S100 BOARDS
OUTLET STRIPS
LINE FILTERS
CONVERTERS
ANTENNAS

Heathkit® ELECTRONIC CENTER

Brian Hawkins
Manager

Heathkit Electronic Center
516 SE Chkalov Dr. #1
Vancouver, WA 98664
(206) 254-4441



Change antennas instantly with a convenient Remote Coax Switch

Saves money - replaces five expensive coax feed
lines with just one. LED shows which antenna is
connected. Erasable front panel. Accepts signals
to 150 MHz, rated for full power. 50-70 ohm imped-
ance. Includes U-bolt mounting assy. Control Box,
3 1/8" H x 5 1/4" W x 5 1/4" D; Remote, 8 1/4" H x 4 3/8" W
x 7 1/2" D. Use 8-wire cable



Creative Computer & Electronics

Ron Cooper
NEAIC
Owner

KANTRONICS
INTERFACE
with
VIC SOFTWARE



Beaverton Mall
3275 S.W. Cedar Hills Blvd.
Beaverton, OR 97005 (503) 644-1160

COUPON BOOKS

'FRENCH CONNECTION 1984' of Sunset
High School is selling GIFT CHECK
coupon books in an effort to send
a group of students to France in
March, 1984. The books are a very
good value at \$5.00. If you would
like to help a student make the
trip to France please call AARON,
KU7L at 644-2643.. MERCI BEAUCOUP!

(I am helping-how about you?) ed.

CAUSE FOR CONCERN: We recently received a check for dues and along with it,
a letter. The letter was a complaint and I only wish that it could be here
in this rag. It points out the fact that many newer members are being over-
looked at meetings and not made to feel at home. This gentleman states that
he was brought to a meeting by a member and then was ignored. Nobody made
an effort to say hello or introduce themselves. He joined at his first
meeting, April of 1983 and has not been back since! The person who brought
this gentleman made no effort to follow up and make sure that his guest was
made to feel welcome. There are several ways to look at this. The person
who complained blamed the club. What is a club? It is made up of indivi-
duals! Each individual does his or her own thing. Should we undertake a
project to meet and greet newcomers or should we just rely on individuals
to promote themselves? One quick comment: People who ACTIVELY participate
in club functions seem to become rapidly known!!! Just in case, say HELLO!!!!

PORTLAND RADIO SUPPLY

1234 S.W. STARK STREET PORTLAND, OR. 97205 (503) 228-8647



ICOM



\$50 Cash Rebate
FREE PS-740
REGULAR \$1258.00 CASH PRICE
\$50.00 for the purchase of an IC-740.

CASH SPECIAL WITH INTERNAL SUPPLY III
\$1044.00 LESS REBATE \$994.00

SEE YOU...APRIL 16, 1983

KENWOOD DAY.....

SATURDAY ALL DAY 9 AM-5 PM

PICK UP YOUR DRAWING COUPON

AT PORTLAND RADIO SUPPLY

YOU MIGHT BE THE LUCKY WINNER.....

TR-2500 DRAWING AT 3:00 PM

KENWOOD

KENWOOD

A WEEKEND OF FUN & ENTERTAINMENT FOR THE ENTIRE FAMILY!

Technical Seminars Rag Chews Contests Largest SWAP SHOP in the Northwest
Saturday night dinner Largest display of commercial displays in the Northwest
Sunday morning free breakfast Prizes and fun for all!

UNLIMITED SWAP TABLES
FOR HAM & ELECTRONIC EQUIPMENT
\$5.00 PER TABLE, PER DAY

TECHNICAL SEMINARS RAG CHEWS
CONTESTS AUCTION OF HAM RADIO
EQUIPMENT SATURDAY NIGHT DINNER
LARGEST EQUIPMENT DISPLAY IN THE
NORTHWEST....SUNDAY MORNING BREAKFAST
SWAP & SHOP. ANTIQUE RADIO DISPLAY

"SPECIAL EVENT" The 'Junque-Pile' of ham and electronic
equipment. Donate any surplus item you want to the pile--take
any item that looks good to you. Any item left will go to the scrap drive.

Talk in on following frequencies: 147.84/24, 146 24/84, 146.52/52, 146.49/49

Return address:

CLARK COUNTY AMATEUR RADIO CLUB
FT. VANCOUVER HAMFAIR

Registration Chairman
3305 "G" St.
Vancouver, WA 98663



CLARK COUNTY AMATEUR RADIO CLUB W7AIA VANCOUVER, WASHINGTON

PREMIER HAMFAIR OF THE PACIFIC NORTHWEST FT. VANCOUVER HAMFAIR

CLARK COUNTY FAIRGROUNDS
7 MILES NORTH OF VANCOUVER, WASHINGTON . . ON I-5 [take exit No. 9]

This is an ARRL
sanctioned meet.

1983 FT. VANCOUVER HAMFAIR Saturday - Sunday, May 7 & 8, 1983

Here are some of the things you'll find at the 1983 FT. VANCOUVER HAMFAIR Saturday - Sunday, May 7 & 8, 1983

A WEEKEND of FUN and ENTERTAINMENT for the entire family!

Registration still only \$4.50 (includes activities and drawings) and early bird extras.
Unlimited swap tables for ham & electronic equipment at \$5.00 per table per day.
Hidden transmitter hunts The Junque-Pile

Limited hookups for RV's at \$3.00 per day . . . Must be self contained.

GRAND PRIZE

ICOM IC-740 HF TRANSCEIVER
with INTERNAL POWER SUPPLY and
DESK MICROPHONE

Courtesy: Oregon Ham Sales
and Clark County A.R.C.

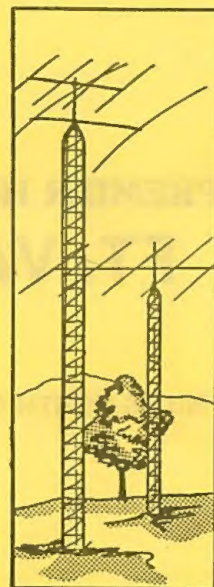


SECOND GRAND PRIZE
KENWOOD TR-7930
2 Meter Transceiver

Courtesy:
Portland
Radio
Supply



TOP PRIZES INCLUDE



\$100 CERTIFICATE
for ROHN 25 G TOWER
COURTESY

ANTRONICS
OF OREGON, INC.

OTHER TOP PRIZES INCLUDE

COMMODORE VIC-20
HOME COMPUTER
WITH TABLE



Courtesy:
S. & W. Computers
Portland

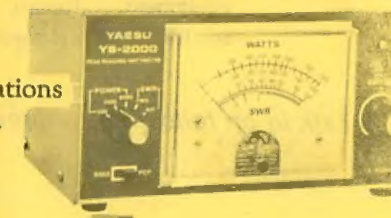
\$100 CERTIFICATE FOR
Larsen Kūlrod
Antennas



2 Meter Mobile 144 - 148 MHz

Courtesy:
Larsen Antennas
Vancouver, Wash.

YAESU - YS - 2000
Peak Reading Wattmeter



Courtesy:
A. B. C. Communications
Seattle, Wash.

Clip and Mail
Ft. Vancouver Hamfair
Registration Chairman
3305 "G" St.
Vancouver, WA 98663

CLIP AND MAIL BY APRIL 30TH FOR EXTRA TICKETS

MAKE CHECK PAYABLE TO
CLARK COUNTY AMATEUR RADIO CLUB

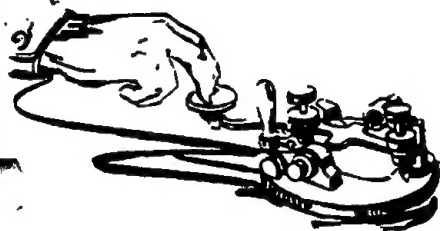
() Yes, I am coming to the FORT VANCOUVER HAMFAIR. I enclose my check for _____

I need the following:

- () Registrations @ \$4.50 () Check if EARLY BIRD EXTRA.
- () Adults Dinner @ \$5.50
- () Kid's Dinner (12 or under) \$2.50

Each registration will be confirmed by mail. Ask for
your ticket packet at the registration booth on arrival.

Name (please print) _____ Call _____
Address _____
City _____ State _____ Zip _____ Phone _____



2M HAPPY HOUR

2 METER HAPPY HOUR PHONE CONTEST-FRIDAY, MAY 13

Here is a contest designed for one thing and one thing ONLY -- FUN! FUN! FUN! No multipliers! Multi-op stations are ok and novices are encouraged to join in helping a station. One contact, one point. Only one transmitter and one receiver at a time. Just get on the air between 8pm and 9pm on simplex frequencies from 147.42 to 147.57 and exchange call sign, name and signal report. Talk to your friends! Even if you don't give a fig about contesting, make a few calls anyway. Best of all, we will gather, after the contest, at the Sunshine Pizza Parlor in Aloha and swap lies about the contest. The winner will receive a nice plaque to hang in the shack. Detailed contest rules and logs will be made available at the April meeting.

Come on guys and gals, old timers, Elmers and novices. Join in the fun on Friday, May 13. Be sure and put it on your calader. Join us for pizza even if you don't enter the contest -- but you ought to make a call or two just to fool the big sticks on Council Crest. (de N7CRP)

If you actually look like your passport photo,
you're well enough to travel.

Everything comes to him who
hustles while he waits.

It's too bad that more people are thoughtless than
speechless.

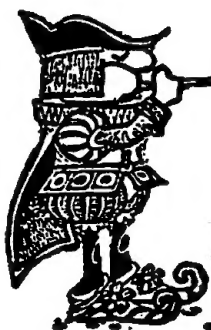
Experience is sometimes a very costly commodity
that rarely has little resale value.

A good automobile policy is a Sunday afternoon nap.
Having friends and money is easy. Having friends
and no money is an accomplishment.

ARNS

A SPECIAL REQUEST TO CLUB NEWSLETTER EDITORS

The Seaside Convention Center is the second largest in the state. This may come as a surprise but it is true. It has a lot going for it, no question, and it will become even more popular as time goes by. As a site for a ham convention, it has some very glaring negatives. Why? As quite a few of us know, our registration packet for the 1982 convention contained a 'comments card' which we asked to be mailed to us. The response was quite good and the pros and cons of all of the convention activities were made very visible to us. An overwhelming majority of the respondents indicated total happiness with the convention. There were complaints, which is to be expected when you are dealing with nearly 3000 people. The most predominate comment of these complaints was that we did not have enough ladies exhibits and events. Quite surely, this comes from those women who have attended the Clark County Hamfair and perhaps others of its nature. We would like it to be known that the Seaside Convention Center DOES NOT ALLOW EXHIBITS WHICH CONFLICT WITH LOCAL BUSINESSES!!! You might ask why and rightly so. Seaside is a very small community and, as we know, relies very heavily on the short tourist season for support of its businesses and resultant tax income. They just cannot allow exhibitors in the convention center to be in conflict with local income. The center charges \$800.00 for a weekend of use and that does not come anywhere near the loss that could be inflicted by competitive exhibitors taking money out of the town. A very tough situation to deal with! The other area of complaint was, and is, a matter of deep concern. We have strived to find some means to implement a ladies luncheon program. There are only a handful of dinner houses that could come anywhere near the seating capacity desired and they all said no! June is the start of the tourist season and none felt that they would need the hassle of reservations and guaranteed numbers of diners. It is the hope of all of us involved in the convention that you, as editor, will make this information known to not only your members but to as many hams as possible in your area. For now, we hope that the attraction of the beach, the arcades, the many shops and tourist benefits will make your weekend in Seaside a very enjoyable experience. Please put this article in your newsletter. Hope to see you in 'SUNNY SEASIDE'. OTVARC.....



ACTIVITIES

WE HAVE LOTS

public service-socials-picnic-bunny hunts-field day-convention

BUNNY HUNT SCHEDULE

- | | |
|-----------------------------------|--|
| 4-16 Beginner--Norths, Bvtn. Mall | 4-30 Intermediate--Sears Auto, Wash. Sq. |
| 5-14 Advanced--Norths, Bvtn. Mall | 5-28 Beginner--Norths, Bvtn. Mall |

All hunts assemble at 1:30 and start at 2:00. Rules are available for those of you who need them and must be followed. How about a BIG turnout for the next outing!!! Bring your gear or just show up and hitch a ride. Lots of seating is available. CU.

CONVENTION NEWS

A joint committee meeting was held on March 9 and it turned out to be very productive for us. Thirteen committee reports were heard and commented on and some excellent input was heard. All of this in a record hour and twenty minutes. It was unfortunate that twelve of the committee members were unable to attend but most committees were well represented. I would like to take this opportunity to make an apology to Doc and Maye McLendon. Doc is our Seaside Co-Chairman and in my haste I forgot to make an introduction to the committee people who may not have had the chance to meet a very nice couple. Doc is a member of OTVARC but as Seaside is quite a drive, does not make meetings very often. Sorry for the oversight!! Where are we? Well, a lot closer to having things all wrapped up. We have 14 excellent seminars and all that remains is scheduling. It appears that we will have an overcrowded situation in the exhibit area. We have MORE than last year and if things run true to course, the last minute influx of table requests will make sure that the convention hall will be bulging at the seams! There will be more computer related exhibits and more of the smaller but interesting 'ham related product' exhibitors attending. WHAT DO YOU THINK IS OUR BIGGEST CONVENTION RESPONSIBILITY AND REQUIRES THE MOST PEOPLE?? Give up? Security!! If you have'n't been asked, you will be and soon. We need HELP and even if you feel you can only offer an hour of your time, please do so. The more we have helping, the less time each person has to spend on duty. Let's ALL do our part in a very important convention role. We have printed 14,000 registration forms and over half of them have been distributed to ARRL members and clubs. Not to mention that they are on dealer counters all over the northwest. A lot of advertising is being done and it would help if every member would talk it up on HF, UHF and VHF. -A very large part of our convention attendance comes from local areas. Each and every member of OTVARC is on the advertising committee. More later.....

HAMFAIRS

May 7-8 Vancouver Hamfair
June 3-4-5 Ore. State Conv.
July 8-9-10 ARRL in Spokane
July 16-17 Eugene Hamfair
Aug. 13-14 Tacoma Hamfair

Pick up registration forms at your local radio store.

The quickest way to get people interested in a project is to tell them it is none of their business.

BUNNY HUNT RESULTS

March 5--Advanced

1. W7XI
(that's it)

March 19--

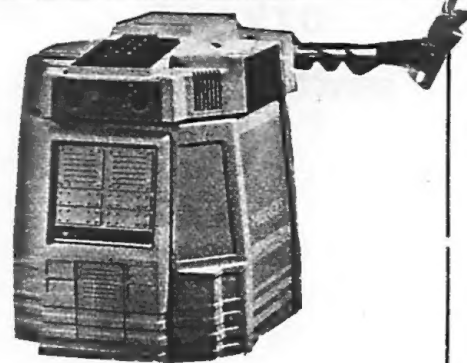
1. KD7HG
(that's it)

It has been discovered that a few members (ex)? tried to pay their dues well in advance of 1983 & were asked to pay later. That was because the 1983 books were not ready to go. We are sorry if this caused some hard feelings. If you are one of the few and got irate about the usual sarcastic comments by 'Ye Ed' regarding dues, please forgive. The club is not responsible! I AM-WB7SIC



PROGRAM Heathkit

Heath personnel will be giving us a live demo of HERO 1 and it should be a lot of fun for the whole family so be sure to bring the kids along for this entertaining program. If you haven't seen little HERO in action you will be surprised at his abilities. He walks, he talks and much, much more. Mark your calendar now for the April 13 meeting. Don't forget, it is the SECOND Wed.... Perhaps HERO 1 will talk with you!! See you at the meeting.



HERO 1 — one of the most important microprocessor-controlled devices ever conceived

By BOB KUHN, KC7YN
McMinnville Amateur Radio Club

Following this month's quarterly TELECONFERENCE RADIO NET, carried locally by the 147.32 South Saddle repeater, Dave Simpson, N7AHT, asked for some more information on how this momentous event was pulled off.

I say momentous, because ARRL President Vic Clark, W7KFC, set a new world record in addressing the largest number of amateurs at one time in the history of the hobby. Some 65 repeaters were involved in the program which began at 5:30 pm local time and lasted well after 7.

The concept of bringing experts to the ham community via two meter repeater interconnect was begun several years ago by the Long Island Mobile Amateur Radio Club and the professional electrical engineering group, IEEE. The idea was to present technical lectures on new concepts to the ham community.

The Honeywell Amateur Radio Club in Minneapolis became involved and began sponsoring the lectures and making them available to repeater groups across the country. They enlisted the aid of Lou Apple, K011Q, of Darome, Inc., who provided the multi-point teleconference bridge used to tie all the phone lines together.

Repeater groups and clubs pay for the line charges from their respective control points to Minneapolis. This can amount to quite a bit considering the length of time. We have the Tektronix Amateur Radio Club and the Amateur Radio Relay Group to thank for underwriting this expense in our area.

With all the repeaters hooked together via the Darome bridge, the speaker is also connected. Rick Whiting, W0TN, of the Honeywell Club serves as net control and moderator and keeps everything running smoothly and as close to schedule as possible.

The feeds to the repeaters are via wireline telephone circuits which are usually fed to the repeater via the control station, in our case, Dale Justice, K7WWR. Dale had originally been feeding another repeater in Eugene, as well as South Saddle when one of his rigs stopped transmitting. There were a few furious moments while Dale switched everything around and got things going again.

By using either repeater's autopatch facility or patching the output into the phone circuit at the control station, the hams can ask the speaker questions. This is done city by city at various points during the net by the net control. This worked quite well, and we all heard AB90 ask Vic if the ARRL had any plans to do any modifications to the DXCC Honor Roll program to possibly allow some of the rare DX stations to get on the air without encountering pileups each time.

Dale said some of the questions were hard to hear because some of the other repeater groups did not send the audio down the phone line at a high enough level to allow the Darome bridge to work properly. If the levels are right, then it sounds great...just like each person is right there on the repeater with you.

The South Saddle repeater was one of the first to get in on the national nets. Last year, there were only about 15 machines linked to hear W5TLW's talk about compressing video signals. With the interest in no-code and other hot topics this year, the list of repeaters wanting to get in on the action to hear Vic grew daily.

Next quarter's net is THURSDAY, JUNE 2nd at 5:30 pm, local time (I assume it will be at 5:30, even though there are a few states that don't make the time change to Daylight Savings Time). Joe Reisert, W1JR, will address "State of the Artenna Design."

On SEPTEMBER 1st, Barry Goldwater, K7UGA, will be the featured speaker. The last net for the year has the president of AMSAT, The Amateur Satellite Corporation lined up for a discussion of the "Amateur Space Program-The Next Three Years." Our thanks to The W5YI REPORT and WESTLINK RADIO NETWORK for the information and to TERAC and ARRG for making it available in our area.

Marty, KA7CTP, opened his home to the Girl Scouts for the GATHR activity and made a few young ladies happy. The club appreciates your willingness to help, Marty, and if we do it again next year, we hope you will be doing it again. Also, a thanks to Don, N7DDK for putting together the Forest Grove group. It was X'ed!!

Ron Remsen, W7YOW, had his operation in Vernonia for the Girl Scouts GATHR day and reports lots of HF contacts for the girls. Nice going Ron. Am sure that the girls had fun. Thnks..

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